

DERWENT- 1997-042554

ACC-NO:

DERWENT- 199704

WEEK:

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Data recording rate appts for data recording system e.g. compact disk - has velocity controller that controls relative speed between recording medium and head imparted by driving device based on amount of information stored in memory

INVENTOR: ITOH, T

PATENT-ASSIGNEE: MITSUBISHI DENKI KK[MITQ]

PRIORITY- 1992JP-0227977 (August 3, 1992) , 1992JP-0053226 (March  
DATA: 12, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5583838	A December 10, 1996	N/A	016	G11B 005/09

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5583838A	Cont of	1993US-0027763	March 8, 1993
US 5583838A	N/A	1995US-0424571	April 17, 1995

INT-CL (IPC): G11B005/09

ABSTRACTED-PUB-NO: US 5583838A

BASIC-ABSTRACT:

The appts includes a head for recording data successively on a recording medium by its movement relative to the recording medium. A driving device imparts relative movement between the recording medium and the head. A decoding device decodes recording time data that has been recorded on the recording medium. A control device controls the data recording rate to be proportional to the recording time data decoded by the decoding device so as to record at a constant linear recording density. The control device includes a memory which stores data for recording on the recording medium. A velocity controller controls the relative speed between the recording medium and the head imparted by the driving device based on an amount of information

stored in the memory.

ADVANTAGE - Obtains high quality recording signals in recording on recording medium such as CD-R disk. Capable of recording at high speed.

CHOSEN- Dwg. 6/7  
DRAWING:

TITLE- DATA RECORD RATE APPARATUS DATA RECORD SYSTEM COMPACT DISC  
TERMS: VELOCITY CONTROL CONTROL RELATIVE SPEED RECORD MEDIUM HEAD  
IMPART DRIVE DEVICE BASED AMOUNT INFORMATION STORAGE  
MEMORY

DERWENT-CLASS: T01 T03 W04

EPI- T01-J08A; T03-B03A; T03-B06A; T03-F02A1; T03-J03A; W04-C04B;  
CODES: W04-C06; W04-C10A; W04-E02A3C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1997-035422